

## Message Text

CONFIDENTIAL

PAGE 01 PARIS 09949 051530Z  
ACTION OES-06

INFO OCT-01 EUR-12 ISO-00 PM-04 ACDA-07 CIAE-00 INR-07  
IO-13 L-03 NSAE-00 NSC-05 EB-08 NRC-05 FEAE-00  
DODE-00 /071 W  
-----051833Z 068477 /47

R 051530Z APR 77  
FM AMEMBASSY PARIS  
TO SECSTATE WASHDC 1425  
INFO USMISSION EC BRUSSELS  
ERDA WASHDC  
ERDA GERMANTOWN MD

C O N F I D E N T I A L PARIS 09949

E.O.11652: GDS  
TAGS: TECH, PARM, ENRG, FR  
SUBJECT: HIGHLY ENRICHED URANIUM FOR THE HIGH FLUX  
NEUTRON REACTOR IN GRENOBLE, FRANCE

REF: STATE 068080

1. WE APPRECIATE WASHINGTON'S STUDY OF THE SUBJECT  
AND WILLINGNESS TO ASSESS URGENCY. THE FOLLOWING  
INFORMATION WAS SUPPLIED THROUGH CEA BY THE ILL STAFF  
AT GRENOBLE.

2. DATA CONTAINED PARA 1 REFTEL CORRECT. CURRENTLY  
AND DURING THE PAST YEAR FUEL ELEMENTS HAVE BEEN  
FABRICATED AT NUKEM AND AT CIRCA IN ROMANS, FRANCE. OF  
THE TOTAL 122 KG OF U-235, APPROXIMATELY 30 KG ARE IN  
THE FORM OF SCRAP AND MATERIAL IN THE PRODUCTION LINE.  
CURRENT REACTOR CONSUMPTION IS AT THE RATE OF SIX CORE  
LOADINGS PER YEAR, MAKING ANNUAL REQUIREMENTS ABOUT  
51.3 KG OF U-235. APPROXIMATELY TEN MONTHS IS REQUIRED  
AFTER RECEIPT OF THE MATERIAL FROM THE US FOR THE  
FINISHED CORE LOADING TO BE READY FOR USE IN THE HIGH  
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FLUX REACTOR.

3. WITH THE 30 KG U-235 IN SCRAP AND IN THE "FABRICA-  
TION WHEEL," THE REMAINING MATERIAL WILL CARRY THE  
REACTOR OPERATION UNTIL (TEN CORE LOADINGS OR TWENTY  
MONTHS FROM JUNE, 1976) JANUARY 1978. TO MAINTAIN THE  
FUEL FABRICATION LINE NEW MATERIAL MUST BE ON HAND AT

THE BEGINNING OF APRIL 1977.

4. WE BELIEVE IT IS A MATTER OF URGENCY TO PROCESS THE  
PERMIT FOR THE 16 KG OF HEU. THE PERCENTAGE QUANTITY  
OF MATERIAL IN SCRAP ALLOWANCE IS REASONABLE (25 PERCENT)  
AND THE TIME IN PROCESS (TEN MONTHS) IS RELATIVELY QUICK.  
GAMMON

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NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** NUCLEAR ENERGY, URANIUM, NUCLEAR POWER PLANTS, FISSIONABLE MATERIALS TRANSFER  
**Control Number:** n/a  
**Copy:** SINGLE  
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**Decaption Date:** 01-Jan-1960 12:00:00 am  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 22 May 2009  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1977PARIS09949  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** GS  
**Errors:** N/A  
**Expiration:**  
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**Office:** ACTION OES  
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**Original Handling Restrictions:** n/a  
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**Page Count:** 2  
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**Previous Handling Restrictions:** n/a  
**Reference:** 77 STATE 68080  
**Retention:** 0  
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**Review Media Identifier:**  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
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**Review Withdrawn Fields:** n/a  
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**Status:** NATIVE  
**Subject:** HIGHLY ENRICHED URANIUM FOR THE HIGH FLUX NEUTRON REACTOR IN GRENOBLE, FRANCE  
**TAGS:** TECH, PARM, ENRG, FR  
**To:** STATE  
**Type:** TE  
**vdkgvwkey:** odbc://SAS/SAS.dbo.SAS\_Docs/2019efa9-c288-dd11-92da-001cc4696bcc  
**Review Markings:**  
Margaret P. Grafeld  
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**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009